

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E50229

**Employer :** U.S. Navy

**Worksite :** US Navy

**Street :** 1400 Farragut Ave

**Jurisdiction :** City of Bremerton

**Survey Date :** 5/20/2016

### SAMPLING

**Survey Type :** Paper

**Response Rate :** 66%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 49.7%

**Reported Total Employees at Worksite:** 12,500

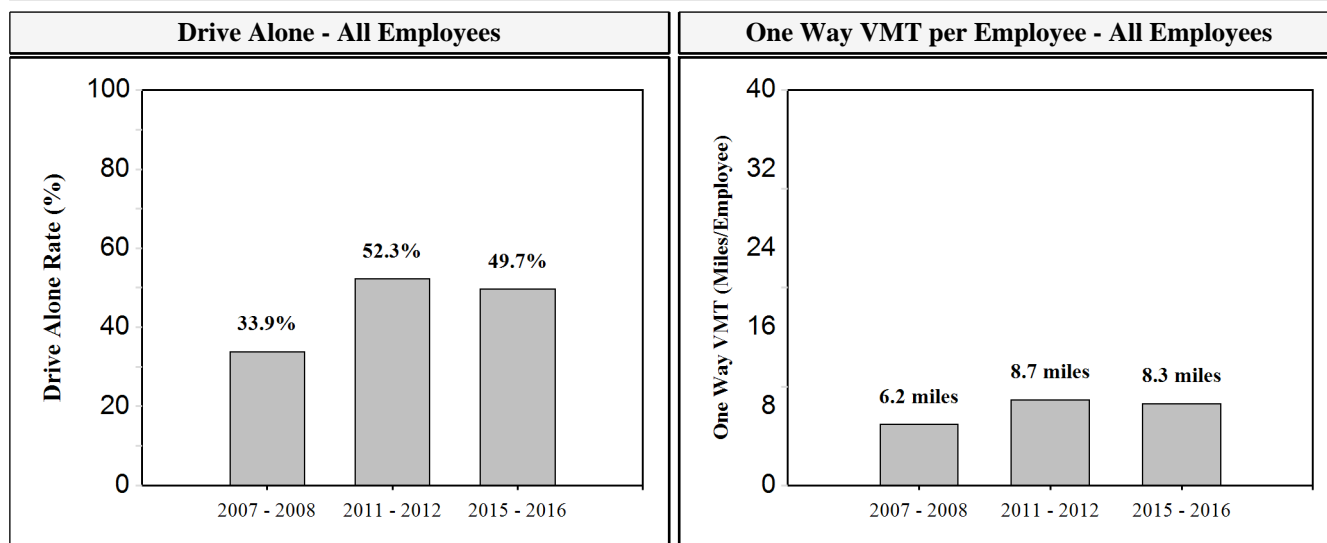
**Surveys Distributed :** 1,400

**One-Way VMT per employee :** 8.3

**Surveys Returned :** 917

**Surveys Returned by CTR Affected Employees :** 845

**Total Estimated CTR - Affected Employees at Worksite :** 1,290



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	33.9%	33.9%	6.2	6.2
2009 - 2010	47.6%	47.9%	8.4	8.4
2011 - 2012	52.3%	49.9%	8.7	8.3
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	49.7%	48.3%	8.3	8.2
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	46.6%	42.5%	33.9%	32.3%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2015 - 2016	2015 - 2016 Without Fill In
Drive Alone - All Employees*	33.9%	52.3%	43.1%	49.7%	46.1%
Drive Alone - CTR Affected Employees*	33.9%	49.9%	39.1%	48.3%	44.3%
VMT/Employee - All Employees	6.2	8.7	7.5	8.3	7.8
VMT/Employees - CTR Affected Employees	6.2	8.3	6.9	8.2	7.7

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2015 - 2016
Emissions for Surveyed Employees	4,581	1,371	1,540
Estimated Emissions for Total Employment	13,330	17,667	20,996

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	19,768,288	16,277,457	25,320,338
Bus Annual Passenger Miles - Surveyed Employees	6,792,900	1,263,000	1,857,500
Ferry Annual Passenger Miles - Estimated for Total Employment	0	4,116,405	2,633,588
Ferry Annual Passenger Miles - Surveyed Employees	0	319,400	193,200
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	24,154	15,466	61,341
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	8,300	1,200	4,500

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

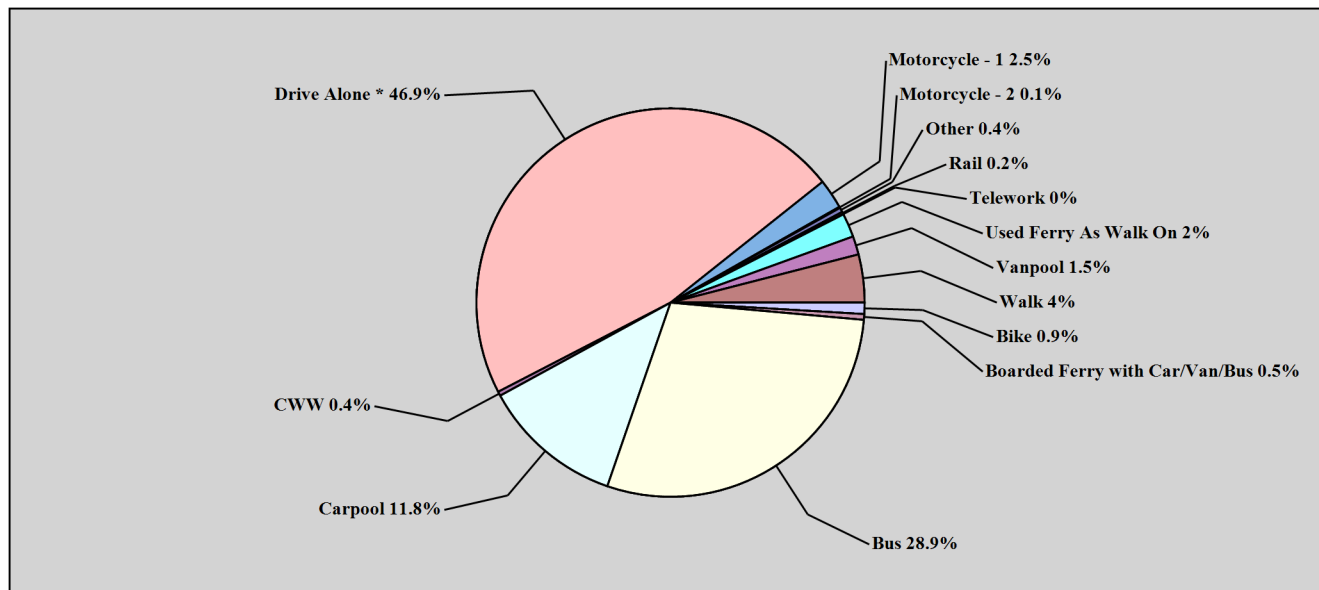
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 16.0 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



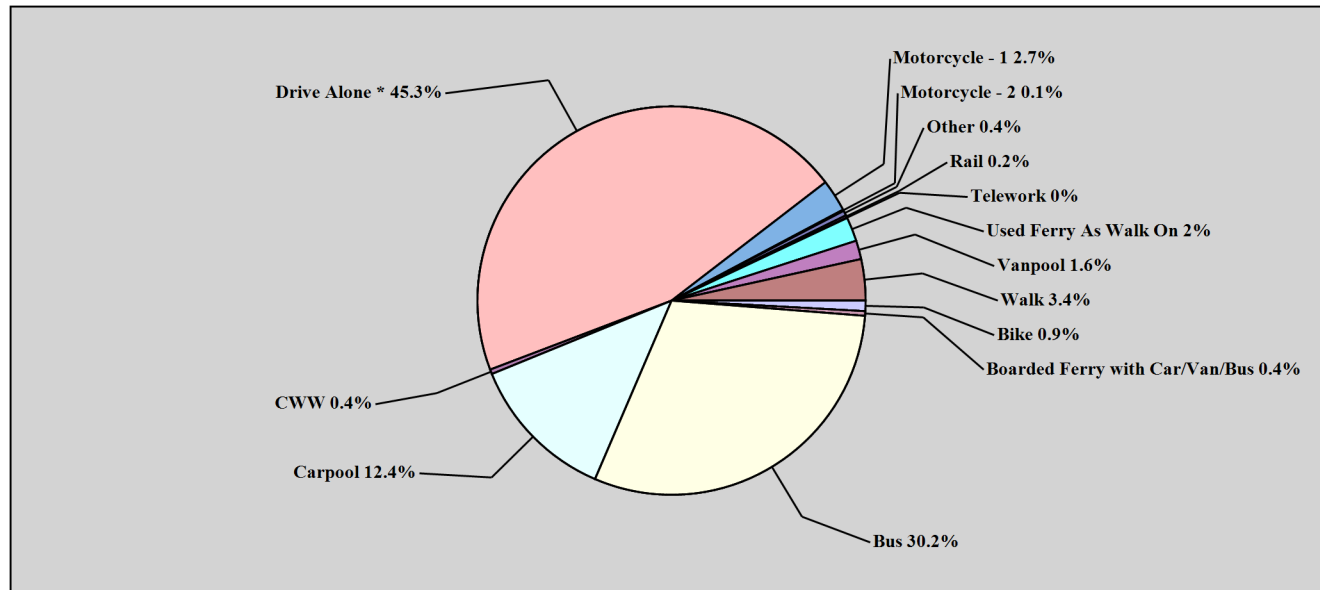
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,348	46.9%	64.6%	470	51.3%	48.4%
Carpool	589	11.8%	8.4%	135	14.7%	16.3%
Vanpool	77	1.5%	3.5%	17	1.9%	6.3%
Motorcycle - 1	124	2.5%	1.1%	30	3.3%	2.4%
Motorcycle - 2	5	0.1%	0.0%	1	0.1%	0.1%
Bus	1,445	28.9%	14.7%	315	34.4%	28.0%
Rail	9	0.2%	0.1%	2	0.2%	0.1%
Bike	47	0.9%	1.2%	11	1.2%	2.7%
Walk	200	4.0%	2.1%	41	4.5%	4.1%
Telework	2	0.0%	0.0%	2	0.2%	0.0%
CWW	18	0.4%	0.1%	12	1.3%	1.2%
Boarded Ferry with Car/Van/Bus	24	0.5%	0.3%	7	0.8%	0.6%
Used Ferry As Walk On	99	2.0%	3.2%	25	2.7%	6.8%
Other	19	0.4%	0.5%	6	0.7%	1.2%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,099	45.3%	64.2%	421	49.8%	46.0%
Carpool	573	12.4%	8.3%	132	15.6%	16.9%
Vanpool	72	1.6%	3.5%	16	1.9%	6.6%
Motorcycle - 1	124	2.7%	1.0%	30	3.6%	2.2%
Motorcycle - 2	5	0.1%	0.0%	1	0.1%	0.1%
Bus	1,398	30.2%	15.1%	305	36.1%	30.1%
Rail	9	0.2%	0.1%	2	0.2%	0.1%
Bike	40	0.9%	1.3%	10	1.2%	3.0%
Walk	159	3.4%	2.2%	32	3.8%	4.4%
Telework	2	0.0%	0.0%	2	0.2%	0.0%
CWW	18	0.4%	0.2%	12	1.4%	1.4%
Boarded Ferry with Car/Van/Bus	18	0.4%	0.3%	5	0.6%	0.7%
Used Ferry As Walk On	93	2.0%	3.4%	24	2.8%	7.5%
Other	19	0.4%	0.5%	6	0.7%	1.2%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	380	41%	917	100%
1 Days	13	1%	537	59%
2 Days	11	1%	524	57%
3 Days	30	3%	513	56%
4 Days	51	6%	483	53%
5 Days	403	44%	432	47%
6 or More Days	29	3%	29	3%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	262	33.4%	20	2.6%	271	34.6%	96	12.2%	2	0.3%	15	1.9%	36	4.6%	2	0.3%	443	56.5%
4 days a week (4/10s)	1	12.5%	3	37.5%	0	0%	2	25%	0	0%	0	0%	0	0%	0	0%	3	37.5%
3 days a week	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
9 days in 2 weeks (9/80)	20	35.1%	6	10.5%	18	31.6%	6	10.5%	0	0%	1	1.8%	2	3.5%	0	0%	28	49.1%
7 days in 2 weeks	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	3	60%	0	0%	4	80%
Other	2	3.7%	3	5.6%	12	22.2%	9	16.7%	0	0%	0	0%	4	7.4%	1	1.9%	28	51.9%

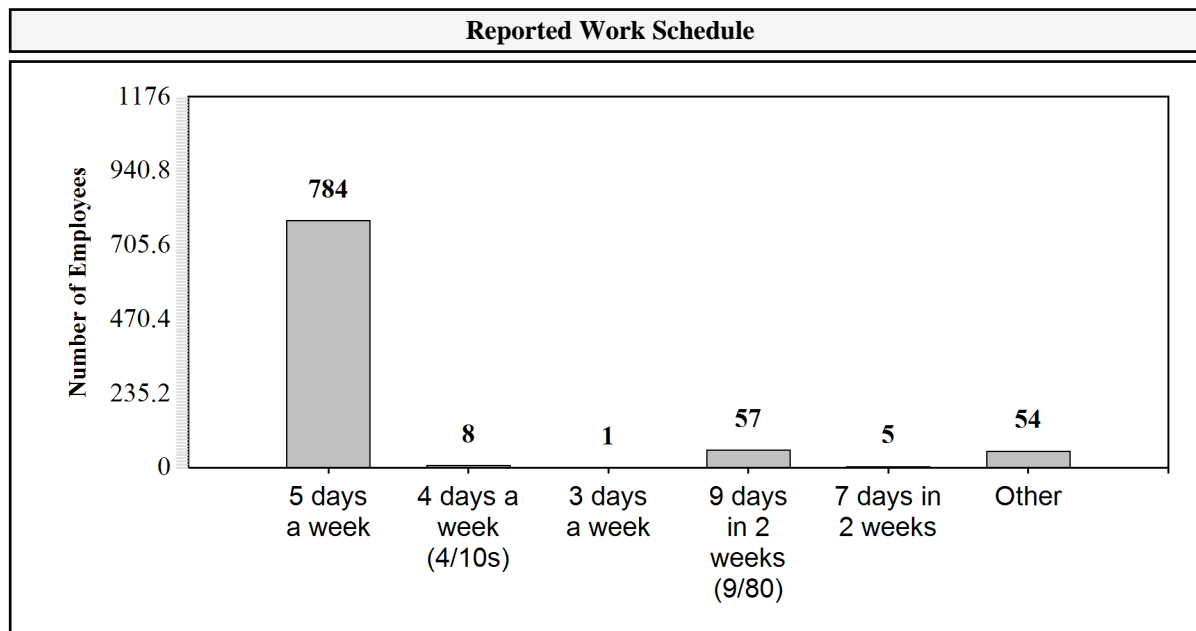
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	130
2	Motorcycle	5
2	Carpool	519
3	Carpool	56
4	Carpool	9
5	Carpool	5
>5	Carpool	0
<5	Vanpool	20
5	Vanpool	10
6	Vanpool	0
7	Vanpool	7
8	Vanpool	11
9	Vanpool	10
10	Vanpool	10
11	Vanpool	0
12	Vanpool	5
13	Vanpool	0
14	Vanpool	0
15	Vanpool	4

## Reported Work Schedule - All Employees

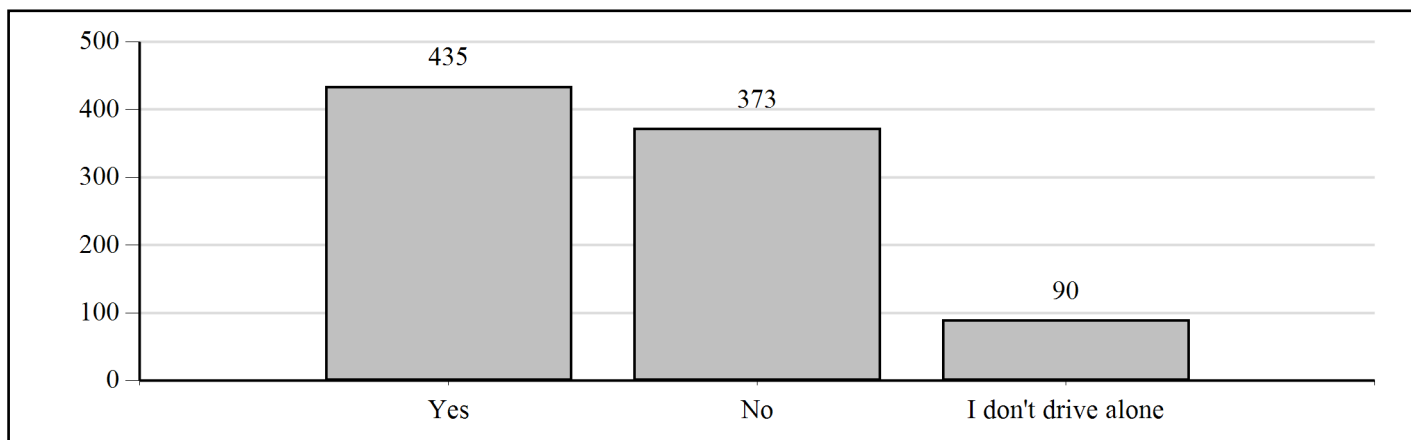
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	784	86.2%
4 days a week (4/10s)	8	0.9%
3 days a week	1	0.1%
9 days in 2 weeks (9/80)	57	6.3%
7 days in 2 weeks	5	0.6%
Other	54	5.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	5	0.5%
I don't telework	891	97.2%
Occasionally, on an as-needed basis	17	1.9%
1-2 days/month	2	0.2%
1 day/week	1	0.1%
2 days/week	0	0.0%
3 days/week	1	0.1%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	421	23.6%
Cost of parking or lack of parking	394	22.1%
Free or subsidized bus, train, vanpool pass or fare benefit	354	19.9%
Other	132	7.4%
Financial incentives for carpooling, bicycling or walking.	119	6.7%
Personal health or well-being	74	4.2%
To save time using the HOV lane	73	4.1%
Environmental and community benefits	61	3.4%
Driving myself is not an option	60	3.4%
Preferred/reserved carpool/vanpool parking is provided	46	2.6%
Emergency ride home is provided	38	2.1%
I have the option of teleworking	7	0.4%
I receive a financial incentive for giving up my parking space	4	0.2%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	469	26.0%
Riding the bus or train is inconvenient or takes too long	338	18.7%
Family care or similar obligations	312	17.3%
Other	299	16.6%
My job requires me to use my car for work	138	7.7%
My commute distance is too short	111	6.2%
Bicycling or walking isn't safe	64	3.5%
I need more information on alternative modes	59	3.3%
There isn't any secure or covered bicycle parking	13	0.7%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	4	12	0	1	1	22	4
2	0	0	0	1	6	0	1	0	11	0
3	0	0	0	0	8	0	0	0	0	6
4	0	0	0	0	9	0	0	0	2	2
5	5	0	0	1	58	1	0	0	10	5
6	0	0	0	0	16	0	0	0	2	1
7	0	0	0	0	1	0	0	0	1	0
8	0	0	0	0	25	2	0	0	2	2
9	0	0	0	0	5	0	0	0	0	0
10	1	1	1	3	133	4	1	1	12	7
11 or more	1	0	0	0	11	0	0	0	0	0
# Of Employees using Transit	9	1	1	9	284	7	3	2	62	27
Total One-Way Transit Trips Per Week	52	10	10	41	2266	61	13	11	257	147

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	3	12	0	0	1	20	3
2	0	0	0	1	6	0	1	0	11	0
3	0	0	0	0	8	0	0	0	0	5
4	0	0	0	0	9	0	0	0	2	2
5	5	0	0	1	56	1	0	0	10	4
6	0	0	0	0	15	0	0	0	2	1
7	0	0	0	0	1	0	0	0	1	0
8	0	0	0	0	25	2	0	0	2	2
9	0	0	0	0	5	0	0	0	0	0
10	1	1	1	2	131	4	1	1	11	7
11 or more	1	0	0	0	9	0	0	0	0	0
# Of Employees using Transit	9	1	1	7	277	7	2	2	59	24
Total One-Way Transit Trips Per Week	52	10	10	30	2180	61	12	11	245	138

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	5	0.55%	10	5	0	0	10	0	0	0	0	0	0	0	0
02840	2	0.22%	10	0	0	0	0	0	0	0	0	0	0	0	0
09315	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
23389	1	0.11%	2	0	3	0	0	0	0	0	0	0	0	0	0
23456	1	0.11%	6	0	0	0	0	0	0	0	0	0	0	0	0
23509	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	0	0
32927	1	0.11%	0	0	0	0	0	0	5	0	0	0	0	0	0
33547	1	0.11%	0	0	0	0	0	0	0	5	1	0	0	0	0
34982	1	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
87112	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
92071	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
92114	1	0.11%	0	0	0	0	0	0	0	5	0	0	0	0	0
92392	1	0.11%	0	0	0	0	0	0	0	5	0	0	0	0	0
93036	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
93866	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
96620	1	0.11%	0	0	0	0	0	0	0	7	0	0	0	0	0
98020	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98102	1	0.11%	0	0	0	0	0	0	0	0	0	0	1	0	0
98103	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	5	0
98107	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98115	1	0.11%	0	0	0	0	0	0	0	0	0	0	5	0	0
98130	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	5	0



98201	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98212	2	0.22%	5	0	0	0	0	0	0	7	0	0	0	0	0
98258	1	0.11%	6	0	0	0	0	0	0	0	0	0	0	0	0
98266	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98270	2	0.22%	0	0	0	0	10	0	0	0	0	0	0	0	0
98280	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98283	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98300	2	0.22%	0	0	0	0	10	0	0	0	0	0	0	0	0
98302	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
9831	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	81	8.83%	187	61	0	5	132	0	12	23	0	1	0	0	0
98311	113	12.32%	224	57	4	13	270	0	0	0	0	5	0	0	0
98312	110	12.00%	268	113	0	27	94	0	10	42	0	0	0	0	5
98314	2	0.22%	0	0	0	0	0	0	0	10	0	0	0	0	0
98315	6	0.65%	23	3	0	0	4	0	0	0	0	0	0	0	0
98319	1	0.11%	0	0	0	0	0	0	0	5	0	0	0	0	0
98324	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98329	11	1.20%	28	9	0	0	20	0	0	0	0	0	0	0	0
9833	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98332	8	0.87%	34	3	0	0	0	0	0	0	0	0	0	0	0
98335	6	0.65%	22	5	0	0	0	0	0	0	0	0	0	0	0
98337	26	2.84%	36	10	0	0	0	0	5	91	0	0	0	0	0
98340	3	0.33%	15	0	0	0	0	0	0	0	0	0	0	0	0
98345	2	0.22%	0	0	0	0	10	0	0	0	0	0	0	0	0
98346	8	0.87%	15	0	0	4	20	0	0	0	0	0	0	0	0
98349	4	0.44%	7	5	0	0	8	0	0	0	0	0	0	0	0
98353	1	0.11%	0	0	0	0	0	0	0	0	0	0	5	0	0
98354	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98355	1	0.11%	0	6	0	0	0	0	0	0	0	0	0	0	0
98359	18	1.96%	31	17	0	0	36	4	4	0	0	0	0	0	0
98365	4	0.44%	17	5	0	0	0	0	0	0	0	0	0	0	0
98366	120	13.09%	229	58	5	27	207	0	0	0	0	3	10	70	10
98367	119	12.98%	216	32	5	9	311	5	0	0	0	2	3	19	0
98370	58	6.32%	117	24	0	23	136	0	1	0	0	0	0	0	0
98371	1	0.11%	0	0	5	0	0	0	0	0	0	0	0	0	0
98374	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98379	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0



98380	14	1.53%	23	11	0	14	16	0	5	0	0	1	0	0	0
98382	2	0.22%	5	5	0	0	0	0	0	0	0	0	0	0	0
98383	76	8.29%	216	58	0	13	94	0	0	0	1	6	0	0	0
98384	1	0.11%	1	0	0	0	4	0	0	0	0	0	0	0	0
98385	1	0.11%	0	0	5	0	0	0	0	0	0	0	0	0	0
98386	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98387	1	0.11%	0	0	5	0	0	0	0	0	0	0	0	0	0
98393	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98403	1	0.11%	1	0	4	0	0	0	0	0	0	0	0	0	2
98404	3	0.33%	10	0	5	0	0	0	0	0	0	0	0	0	0
98405	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98406	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.11%	0	0	5	0	0	0	0	0	0	0	0	0	0
98408	2	0.22%	6	0	5	0	0	0	0	0	0	0	0	0	0
98409	2	0.22%	7	0	0	0	3	0	0	0	0	0	0	0	0
98444	3	0.33%	5	3	8	0	0	0	0	0	0	0	0	0	1
98465	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98467	1	0.11%	6	0	0	0	0	0	0	0	0	0	0	0	0
98498	2	0.22%	1	0	10	0	0	0	0	0	0	0	0	0	0
98503	1	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
98513	1	0.11%	2	0	3	0	0	0	0	0	0	0	0	0	0
98524	10	1.09%	25	17	0	0	3	0	5	0	0	0	0	0	0
98528	25	2.73%	77	30	5	0	18	0	0	0	0	0	0	0	0
98546	2	0.22%	11	0	0	0	0	0	0	0	0	0	0	0	0
98550	1	0.11%	3	0	0	0	3	0	0	0	0	0	0	0	0
98572	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	1
98584	3	0.33%	11	0	0	0	5	0	0	0	0	0	0	0	0
98588	2	0.22%	8	3	0	0	1	0	0	0	0	0	0	0	0
98592	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98597	1	0.11%	2	5	0	0	0	0	0	0	0	0	0	0	0
9866	1	0.11%	1	4	0	0	0	0	0	0	0	0	0	0	0